

148224

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

DATE: July 18, 2001

SUBJECT: **POLREP for the Dead Creek Sediment Removal Site, Sauget, St. Clair County, Illinois**

FROM: Kevin Turner, (618) 997-0115, U.S. EPA OSC, Region 5, ERB, RS-1, Marion, IL

TO: C. Stanton, U.S. EPA, OSWER, Washington D.C. (stanton.colby@epa.gov)
R. Karl, U.S. EPA, ERB Chief, Chicago, IL (karl.richard@epa.gov)
B. Bolen, U.S. EPA, Chief Section 2, Chicago, IL (bolen.bill@epa.gov)
B. Messenger, U.S. EPA Chief EES, Chicago, IL (messenger.william@epa.gov)
C. Allen, U.S. EPA, Public Affairs, Chicago, IL (allen.cheryl@epa.gov)
M. McAteer, U.S. EPA, RPM, Chicago, IL (mcateer.michael@epa.gov)
T. Martin, U.S. EPA, ORC, Chicago, IL (martin.thomas@epa.gov)
R. Watson, Illinois EPA, Springfield, IL (rob.watson@epa.state.il.us)
B. Everetts, Illinois EPA, Springfield, IL (bruce.everetts@epa.state.il.us)
T. Miller, Illinois EPA, Collinsville, IL (tom.miller@epa.state.il.us)
M. Henry, Illinois DNR, Springfield, IL (mhenry@dnrmail.state.il.us)
K. de la Bruere, U.S. F&WS, Rock Island, IL (Kevin_de_la_Bruere@fws.gov)
J. Maritote, U.S. EPA, Chicago, IL (maritote.john@epa.gov)

POLREP #: POLREP #2 - PRP Lead

II. BACKGROUND

Response Authority: CERCLA
NPL Status: Non-NPL
Latitude: 38°34'37"N
Longitude: 90°10'47"W
State Notification: November, 2000
Start Date: November, 2000
Completion Date: December 31, 2001 (anticipated)

III. SITE INFORMATION

A. Incident Category

Sediment removal from a creek bed.

B. Site Description

1. Site location

See initial POLREP for details.

2. Description of threat

See initial POLREP for details.

3. Site background

See initial POLREP for details.

IV. SITE INFORMATION

A. Situation

1. Response activities to date

- The creek bypass system was installed after excavating through streets and placing culverts under them.
- Sediment traps were installed in all segments of the creek, culverts that were fully or partially blocked were cleaned out, and brush and debris were removed from the creek starting with Segment B.
- Safety fences were installed around the creek from Segment B to near Parks College in Segment E and a low-flow channel was dug in Segments D-F to collect water in the middle of the creek and allow sediments near the sides of the creek to dry.
- Grading of the site for the TSCA cell was completed, construction of the walls began, and riprap and gravel were placed in the bottom of the cell.

Sediment from Site M was stockpiled in a containment area in Segment B for drying and a carbon treatment system was used to filter water being pumped from Site M to the downstream channel. The sediment removal at Site M was completed and bank stabilization was completed in preparation for final grading and landscaping.

B. Planned Removal Activities

An estimated 50,000 cubic yards of contaminated sediment will be removed from the creek and transferred to a TSCA cell that is being constructed just northwest of where Dead Creek passes underneath Judith Street. Subject to agency approval, excavation of sediment from Segment F will be stockpiled in Segment B prior to its placement in the cell.

C. Next Steps

- Continue construction of side walls of the TSCA cell, install additional riprap and gravel, and install the liner.
- Complete grading of area near Site M to control future flooding.
- After the TSCA cell is completed, begin placing sediments from Site M and Segment B into the cell.
- Continue dewatering the channel.

D. Key Issues

Wet weather has slowed work on the TSCA cell and removal of sediments from Site M. The last full week of May and the second and fourth weeks of June were extremely rainy and have pushed the scheduled

completion of the cell back until mid August. Occasional heavy rains in the month of July continue to impede efforts to complete the cell. Crews are currently working 12-hour days Monday through Friday and 10-hour days on Saturdays in an attempt to bring the completion of the cell to early August.

V. COSTS

This removal action is being performed by a PRP under the direction of the U.S. EPA. At this time, the U.S. EPA is not knowledgeable of the costs associated with this removal action.